

Table E-1. Database of Benthic Invertebrate Taxonomy, Traits, and Estimates of Biomass/Percent Moisture

Taxonomy (a)				Ecology			Biomass/Percent Moisture				Reference	
Lowest Practical Taxon	Phylum, Subphylum, or Class	Order or Subclass	Family or Suborder	Feeding Group	Notes on Ecology	Estimated Burrowing Depth	Dry Biomass (kg dw/ind)	Wet-to-Dry Conversion Factor	Wet Biomass (kg ww/ind)	Moisture Content (%)	Ecology References (and rationale)	Biomass References (and rationale)
<i>Ablabesmyia mallochi</i>	Insecta	Diptera	Chironomidae	C/O	Obligate predator (per Roback [1985] in reference to genus); collector-gatherer (as per Vieira et al. [2006] in reference to genus); generally small bodied (2-15 mm)	0-2 cm	5.00E-07	0.129	3.88E-06	87%	Simpson and Bode (1980); Boesel (1972); Fagnani and Harman (1987); Roback (1985); Vieira et al. (2006); Thorp and Covich (2010) (based on Chironomidae)	CBBMP (2014) (<i>Ablabesmyia parajanta</i> surrogate); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)
<i>Ablabesmyia</i> sp.	Insecta	Diptera	Chironomidae	DET	Collector-gatherer and invertebrate-piercer	0-2 cm	5.00E-07	0.129	3.88E-06	87%	Simpson and Bode (1980); Boesel (1972); Fagnani and Harman (1987); Roback (1985); Vieira et al. (2006); Thorp and Covich (2010) (based on Chironomidae)	CBBMP (2014) (<i>Ablabesmyia parajanta</i> surrogate); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)
Acari	Arachnida	Acari	na	C/O	Invertebrate parasite (mostly); very small bodied, likely shallow if infaunal	0-1 cm	7.09E-09	0.4	1.77E-08	60%	Vieira et al. (2006) (from water mite families); Thorp and Covich (2010); Pilarczyk et al. (2007) (based on Acari species)	Douce (1976) (average of all Acari species); ww conversion based on Newton (2013), conversion is for dw to ww rather than AFDW to ww
Actiniaria	Cnidaria	Actiniaria	na	C/O	Tentaculate zooplankton predator; may burrow as deep as 30 to 35 cm; several are sessile and attach to hard surfaces epibenthically	Uncertain/NA	8.35E-07	0.143	5.84E-06	86%	Brusca and Brusca (2003); Kristensen and Kostka (2004)	CBBMP (2014) (based on Anthozoa); ww conversion based on Ricciardi and Bourget (1998) (for Actiniaria)
<i>Alboglossiphonia heteroclitica</i>	Annelida	Hirudinea	Glossiphoniidae	C/O	Invertebrate parasite; small bodied	0-1 cm	2.22E-06	0.175	1.27E-05	83%	Vieira et al. (2006) (based on glossophonids); Calow and Riley (1982) (based on glossiphoniids)	CBBMP (2014) (based on Hirudinea); ww conversion from Sapkarev (1967) (from <i>Helobdella</i> spp., maximum density), based on dw rather than AFDW; high level of uncertainty due to the degree of taxonomic difference
<i>Alitta succinea</i>	Annelida	Polychaeta	Nereididae	C/O	Surface-foraging omnivore and predator; very large body size; form burrows; up to 30 cm burrowing	0-15+ cm	1.88E-06	0.16	1.17E-05	84%	Pearson and Rosenberg (1978); Llanso (2002); Hines and Comtois (1985); Fauchald and Jumars (1979); SMS (2008b); Kristensen (1984) (based on <i>A. virens</i> and <i>A. diversicolor</i>); ISSG (2014a)	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on all Polychaeta)
<i>Ampelisca abdita</i>	Crustacea	Amphipoda	Ampeliscidae	DET	Likely a shallow-burrowing filter feeder upon constructing tube	0-1 cm	1.38E-07	0.16	8.59E-07	84%	Collie (1985); Cuomo and Zinn (1997); Levinton (1982)	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on Amphipoda)
<i>Ampelisca</i> sp.	Crustacea	Amphipoda	Ampeliscidae	DET	Likely a shallow-burrowing filter feeder upon constructing tube	0-1 cm	6.38E-07	0.16	3.99E-06	84%	Collie (1985); Cuomo and Zinn (1997)	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on Amphipoda)
Amphipoda	Crustacea	Amphipoda	na	DET	Surface feeder, sometimes from within superficial tubes; most are detritivores, although some feed on other items including plants, sediment, and live or dead animal tissues	0-1 cm	3.33E-07	0.16	2.08E-06	84%	Thorp and Covich (2010); Pilarczyk et al. (2007); Vieira et al. (2006) (based on Gammaridae)	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on Amphipoda)
<i>Ancyronyx variegatus</i>	Insecta	Coleoptera	Elmidae	DET	Collector, filterer, and scraper; most likely a surface feeder; fairly small bodied (1-2 mm, generally > 1.4 mm); burrow	0-1 cm	7.50E-08	0.129	5.81E-07	87%	Thorp and Covich (2010); Smock (1988); Vieira et al. (2006); Marine Biology Resource Network (2014)	CBBMP (2014) (average of Elmidae taxa); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)
<i>Antocha</i> sp.	Insecta	Diptera	Tipulidae	DET	Surface-feeding collector-gatherer; feed on detritus, algae, and, in some species, other benthic invertebrates; Tipulidae are generally found under rocks, in sand, snags, or mats of litter or algae; may be small to fairly large (3-60 mm)	0-1 cm	6.23E-08	0.129	4.83E-07	87%	Murray Darling Freshwater Research Centre (MDFRC) (2014); Thorp and Covich (2010); Fetzner (2007) (based on <i>A. saxicola</i>)	Whiles and Goldowitz (2005) (based on Diptera); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)
<i>Apocorophium lacustre</i>	Crustacea	Amphipoda	Corophiidae	DEP	Based on <i>Corophium volutator</i> surrogate, a true deposit feeder also capable of filter feeding; up to 10 cm depth	0-10 cm	1.46E-07	0.16	9.12E-07	84%	Holton (1984); Prato and Biandolino (2006) (based on <i>Corophium insidiosum</i>); Hines and Comtois (1985); Levinton (1982) (based on <i>Corophium volutator</i>)	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on Amphipoda)
<i>Apocorophium</i> sp.	Crustacea	Amphipoda	Corophiidae	DEP	Based on <i>Corophium volutator</i> surrogate, a true deposit feeder also capable of filter feeding; up to 10 cm depth	0-10 cm	1.00E-06	0.16	6.25E-06	84%	Holton (1984); Levinton (1982) (based on <i>Corophium volutator</i>); Prato and Biandolino (2006) (based on <i>Corophium insidiosum</i>)	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on Amphipoda)
<i>Arcteonais lomondi</i>	Annelida	Oligochaeta	Naididae	DEP	Up to ~ 8 mm (based on several Naidid species)	0-1 cm	2.69E-07	0.182	1.48E-06	82%	Soster and McCall (1990); Germano & Associates (2005); Smith et al. (1991); Arslan and Sahin (2003) (based on 9 Naidid species); Vieira et al. (2006)	CBBMP (2014) (average of Naididae taxa); ww conversion from Smit et al. (1993) (abstract) (based on Oligochaeta)

<i>Argia</i> sp.	<i>Argia</i> sp.	Insecta	Odonata	Coenagrionidae	C/O	Engulfer; large-bodied damselfly species	0-1 cm	1.13E-07	0.129	8.72E-07	87%	Vieira et al. (2006); Thorp and Covich (2010)
<i>Aulodrilus limnobioides</i>	<i>Aulodrilus limnobioides</i>	Annelida	Oligochaeta	Tubificidae	DEP	Organic components of substrate; may feed at depth (i.e., head-down); small body size (3-6 mm based on other <i>Aulodrilus</i> spp.)	0-2 cm	4.41E-07	0.182	2.42E-06	82%	Soster and McCall (1990); Germano & Associates (2005); Smith et al. (1991); Arslan and Sahin (2002); Vieira et al. (2006)
<i>Aulodrilus pigueti</i>	<i>Aulodrilus pigueti</i>	Annelida	Oligochaeta	Tubificidae	DEP	Organic components of substrate; may feed at depth (i.e., head-down); small body size (3 mm)	0-2 cm	4.41E-07	0.182	2.42E-06	82%	Soster and McCall (1990); Germano & Associates (2005); Smith et al. (1991); Arslan and Sahin (2002); Vieira et al. (2006)
<i>Aulodrilus pluriseta</i>	<i>Aulodrilus pluriseta</i>	Annelida	Oligochaeta	Tubificidae	DEP	Organic components of substrate; may feed at depth (i.e., head-down); small body size (3-6 mm)	0-2 cm	4.41E-07	0.182	2.42E-06	82%	Soster and McCall (1990); Germano & Associates (2005); Smith et al. (1991); Arslan and Sahin (2002); Vieira et al. (2006)
Baetidae	Baetidae	Insecta	Ephemeroptera	Baetidae	DET	Collector-gatherer, scraper-grazer	0-1 cm	2.66E-07	0.129	2.06E-06	87%	Thorp and Covich (2010); Vieira et al. (2006); Hynes (1970)
<i>Baetis flavistriga</i>	<i>Baetis flavistriga</i>	Insecta	Ephemeroptera	Baetidae	DET	Collector-gatherer, scraper-grazer	0-1 cm	2.66E-07	0.129	2.06E-06	87%	Thorp and Covich (2010); Pilarczyk et al. (2007); Vieira et al. (2006); Hynes (1970)
<i>Balanus</i> sp.	<i>Balanus</i> sp.	Crustacea	Sessilia	Balanidae	DET	Surface filter-feeder	0-1 cm	5.66E-07	0.123	4.61E-06	88%	Pennak (1989); SMS (2007) (based on <i>B. amphitrite</i>)
<i>Bezzia/Palpomyia</i> sp.	<i>Bezzia/Palpomyia</i> sp.	Insecta	Diptera	Ceratopogonidae	C/O	Engulfer; burrow into soft sediment or algal growths; generally small bodied (2-15 mm)	0-2 cm	6.23E-08	0.129	4.83E-07	87%	Connelly (2013); Vieira et al (2006); Pilarczyk et al. (2007); Bouchard (2004) (based on Ceratopogonidae)
<i>Boccardia</i> sp.	<i>Boccardia</i> sp.	Annelida	Polychaeta	Spionidae	DET	Forms tubes in shells of living or dead organisms; likely a filter feeder	0-1 cm	7.14E-07	0.16	4.46E-06	84%	Simon et al. (2009); Fauchald and Jumars (1979)
Brachyura	Brachyura	Crustacea	Decapoda	Pleocyemata	C/O	Group is diverse, although most are carnivorous scavengers and predators living primarily epibenthically although possibly burrowing to evade predators	0-1 cm	6.00E-08	0.165	3.64E-07	84%	Llano (2002)
<i>Bratislavia unidentata</i>	<i>Bratislavia unidentata</i>	Annelida	Oligochaeta	Naididae	DEP	Up to ~ 8 mm (based on several Naidid species)	0-1 cm	2.69E-07	0.182	1.48E-06	82%	Soster and McCall (1990); Germano & Associates (2005); Arslan and Sahin (2003) (based on 9 Naidid species)
<i>Caecidotea</i> sp.	<i>Caecidotea</i> sp.	Crustacea	Isopoda	Asellidae	DET	Shredder and scavenger feeding on leafy detritus and invertebrate matter	0-1 cm	3.92E-07	0.142	2.76E-06	86%	Wilfrid Laurier University (WLU) (2014); Pilarczyk et al. (2007); Vieira et al. (2006)
<i>Callinectes sapidus</i>	<i>Callinectes sapidus</i>	Crustacea	Decapoda	Portunidae	C/O	Feeds opportunistically, but primarily on animal matter	0-1 cm	6.67E-06	0.165	4.04E-05	84%	Laughlin (1982); Barshaw and Able (1990); Millikin and Williams (1984); SMS (2004)
<i>Cardiocladius</i> sp.	<i>Cardiocladius</i> sp.	Insecta	Diptera	Chironomidae	C/O	Larval invertebrate-engulfer; up to 11 mm long as larvae	0-1 cm	2.73E-07	0.129	2.12E-06	87%	Oliver and Bode (1985); Cranston (2010)
Ceratopogoninae	Ceratopogoninae	Insecta	Diptera	Ceratopogonidae	C/O	Engulfer; burrow into soft sediment or algal growths; generally small bodied (2-15 mm)	0-1 cm	1.00E-06	0.129	7.75E-06	87%	Vieira et al. (2006); Pilarczyk et al. (2007); Bouchard (2004)
<i>Cheumatopsyche</i> sp.	<i>Cheumatopsyche</i> sp.	Insecta	Trichoptera	Hydropsychidae	DET	Filter-feeding omnivore, clinger	0-2 cm	3.69E-07	0.129	2.86E-06	87%	Vieira et al (2006); Zuellig et al. (2004); WLU (2014); Pilarczyk et al. (2007); Charbonneau and Hare (1998) (based on a trichopteran)
<i>Chiridotea almyra</i>	<i>Chiridotea almyra</i>	Crustacea	Isopoda	Chaetiliidae	DET	"Carion" feeder; burrows into sand but likely feeds at surface; burrows ~ 1 cm	0-1 cm	4.47E-07	0.142	3.15E-06	86%	Britton and Morton (1993); Llano (2002); Hauck et al. (2008) (based on <i>C. caeca</i>); Griffith and Telford (1985) (based on <i>C. caeca</i>); Naylor (1955) (based on <i>Idotea emarginata</i>)
<i>Chiridotea</i> sp.	<i>Chiridotea</i> sp.	Crustacea	Isopoda	Chaetiliidae	DET	Surface-feeding detritivore or predator, depending on species; burrows ~ 1 cm	0-1 cm	4.47E-07	0.142	3.15E-06	86%	Britton and Morton (1993); Llano (2002); Hauck et al. (2008) (based on <i>C. caeca</i>); Griffith and Telford (1985) (based on <i>C. caeca</i>); Naylor (1955) (based on <i>Idotea emarginata</i>)
Chironomini	Chironomini	Insecta	Diptera	Chironomidae	DET	Based on other chironomids	0-5 cm	3.33E-07	0.129	2.58E-06	87%	Thorp and Covich (2010); Charbonneau and Hare (1998); Vieira et al. (2006)

<i>Chironomus</i> sp.	<i>Chironomus</i> sp.	Insecta	Diptera	Chironomidae	DET	Up to 4-6 cm burrows	0-5 cm	3.95E-07	0.129	3.06E-06	87%	Langston University Aquaculture (LUA) (2014); Yan et al. (1999); Llanso (2002); Charbonneau and Hare (1998); Vieira et al. (2006)
<i>Chthamalus fragilis</i>	<i>Chthamalus fragilis</i>	Crustacea	Sessilia	Chthamalidae	DET	Suspension feeder	0-1 cm	5.66E-07	0.123	4.61E-06	88%	Fofonoff et al. (2003); Yan (2002)
<i>Cladopelma</i> sp.	<i>Cladopelma</i> sp.	Insecta	Diptera	Chironomidae	DET	Up to 7 mm long as larvae; associated with sand and muddy bottoms	0-1 cm	2.73E-07	0.129	2.12E-06	87%	Vieira et al. (2006); Cranston (2010); Pilarczyk et al. (2007)
<i>Cladotanytarsus</i> sp.	<i>Cladotanytarsus</i> sp.	Insecta	Diptera	Chironomidae	DET	Collector-filterer; up to 5 mm long as larvae	0-1 cm	5.00E-08	0.129	3.88E-07	87%	Vieira et al. (2006); Cranston (2010); Llanso (2002)
<i>Clinotanypus</i> sp.	<i>Clinotanypus</i> sp.	Insecta	Diptera	Chironomidae	C/O	Engulfer; up to 15 mm long as larvae; prefer soft sediment and variable water quality; also consumes detritus	0-2 cm	2.73E-07	0.129	2.12E-06	87%	Vieira et al. (2006); Cranston (2010)
Coenagrionidae	Coenagrionidae	Insecta	Odonata	Coenagrionidae	C/O	Sits and waits for prey, but can move to search for food	0-1 cm	1.13E-07	0.129	8.72E-07	87%	Vieira et al. (2006) (size based on multiple species); Pilarczyk et al. (2007)
Corbicula sp.	Corbicula sp.	Bivalvia	Veneroida	Corbiculidae	DET	Filter feeder; fish parasites as larvae	0-2 cm	3.03E-06	0.058	5.22E-05	94%	Vieira et al. (2006); Llanso (2002); Lauritsen (1986); Sousa et al. (2008); Vohmann (2008)
Corophiidae	Corophiidae	Crustacea	Amphipoda	Corophiidae	DET	Ecological data for this taxon are based on <i>Corophium</i> spp. (see references for more information)	0-1 cm	1.00E-06	0.16	6.25E-06	84%	Holton (1984); Pearson and Rosenberg (1978); Levinton (1982) (based on <i>Corophium volutator</i>); Prato and Biandolino (2006) (based on <i>Corophium insidiosum</i>)
<i>Corynoneura</i> sp.	<i>Corynoneura</i> sp.	Insecta	Diptera	Chironomidae	DET	Collector-gatherer; larvae no longer than 3 mm	0-1 cm	2.73E-07	0.129	2.12E-06	87%	Vieira et al. (2006); Cranston (2010); Pilarczyk et al. (2007)
<i>Crangon septemspinosa</i>	<i>Crangon septemspinosa</i>	Crustacea	Decapoda	Crangonidae	C/O	Primarily carnivorous but also consume detritus, etc.	0-1 cm	nd	nd	nd	nd	Wilcox and Jeffries (1974)
<i>Crassostrea virginica</i>	<i>Crassostrea virginica</i>	Bivalvia	Ostreoida	Ostreidae	DET	Filter-feeder	0-1 cm	2.93E-04	0.058	5.06E-03	94%	Pales-Espinosa et al. (2008)
Crayfish (unspecified)	Crayfish (unspecified)	Crustacea	Decapoda	unclear without more specific identification	C/O	Allochthonous, autochthonous, living, dead animal and plant tissues; "crayfish" could refer to several families of decapods within the Astacoidea or Parastacoidea superfamilies	0-1 cm	nd	nd	nd	nd	Thorpe and Covich (2010); Vieira et al. (2006) (based on multiple species)
<i>Cricotopus bicinctus</i>	<i>Cricotopus bicinctus</i>	Insecta	Diptera	Chironomidae	DET	Up to 8 mm long as larvae; associated with aquatic macrophytes, algae, and cyanobacteria	0-1 cm	5.00E-08	0.129	3.88E-07	87%	Vieira et al. (2006); Cranston (2010) (based on <i>Cricotopus</i> spp.); Pilarczyk et al. (2007) (based on <i>Cricotopus</i> spp.)
<i>Cricotopus</i> sp.	<i>Cricotopus</i> sp.	Insecta	Diptera	Chironomidae	DET	Up to 8 mm long as larvae; associated with aquatic macrophytes, algae, and cyanobacteria	0-1 cm	5.00E-08	0.129	3.88E-07	87%	Vieira et al. (2006); Cranston (2010); Pilarczyk et al. (2007)
<i>Cricotopus trifascia</i>	<i>Cricotopus trifascia</i>	Insecta	Diptera	Chironomidae	DET	Up to 8 mm long as larvae; associated with aquatic macrophytes, algae, and cyanobacteria	0-1 cm	5.00E-08	0.129	3.88E-07	87%	Vieira et al. (2006); Cranston (2010) (based on <i>Cricotopus</i> spp.); Pilarczyk et al. (2007)
<i>Cryptochironomus</i> sp.	<i>Cryptochironomus</i> sp.	Insecta	Diptera	Chironomidae	C/O	Small invertebrate-engulfer and oligochaete-piercer; larvae up to 15 mm long	0-2 cm	3.74E-08	0.129	2.90E-07	87%	Vieira et al. (2006); Curry (1958); Pilarczyk et al. (2007); Cranston (2010)
Culicidae	Culicidae	Insecta	Diptera	Culicidae	DET	Collector-filterer, grazer	0-2 cm	6.23E-08	0.129	4.83E-07	87%	Vieira et al. (2006); Thorp and Covich (2010); MDFRC (2014); Pilarczyk et al. (2007)
<i>Cyathura polita</i>	<i>Cyathura polita</i>	Crustacea	Isopoda	Anthuridae	DET	Small-bodied, approximately 8 mm; may burrow up to 15 cm	0-10 cm	1.17E-06	0.142	8.24E-06	86%	Dean and Haskin (1964); Llanso (2002); Craft and Sacco (2003); EOL (2014a); Hines and Comtois (1985); Olafsson and Persson (1986) (based on <i>C. carinata</i>)
<i>Dero digitata</i>	<i>Dero digitata</i>	Annelida	Oligochaeta	Naididae	DEP	Up to ~ 8 mm (based on several Naidid species)	0-1 cm	2.90E-07	0.182	1.59E-06	82%	Soster and McCall (1990); Germano & Associates (2005); Arslan and Sahin (2003) (based on 9 Naidid species)

Dero sp.	Dero sp.	Annelida	Oligochaeta	Naididae	DEP	Up to ~ 8 mm (based on several Naidid species)	0-1 cm	2.90E-07	0.182	1.59E-06	82%	Soster and McCall (1990); Germano & Associates (2005); Arslan and Sahin (2003) (based on 9 Naidid species); Vieira et al. (2006)
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Table E-1. Database of Benthic Invertebrate Taxonomy, Traits, and Estimates of Biomass/Percent Moisture

Reference	Biomass References (and associated traits)	Infaunal presence/absence (X)
Lowest Practical Taxon		
<i>Ablabesmyia mallochi</i>	CBBMP (2014) (<i>Ablabesmyia parajanta</i> surrogate); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Ablabesmyia</i> sp.	CBBMP (2014) (<i>Ablabesmyia parajanta</i> surrogate); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
Acari	Douce (1976) (average of all Acari species); ww conversion based on Newton (2013), conversion is for dw to ww rather than AFDW to ww	X
Actiniaria	CBBMP (2014) (based on Anthozoa); ww conversion based on Ricciardi and Bourget (1998) (for Actiniaria)	X
<i>Alboglossiphonia heteroclitica</i>	CBBMP (2014) (based on Hirudinea); ww conversion from Sapkarev (1967) (from <i>Helobdella</i> spp., maximum density), based on dw rather than AFDW; high level of uncertainty due to the degree of taxonomic difference	X
<i>Alitta succinea</i>	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on all Polychaeta)	X
<i>Ampelisca abdita</i>	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on Amphipoda)	X
<i>Ampelisca</i> sp.	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on Amphipoda)	X
Amphipoda	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on Amphipoda)	X
<i>Ancyronyx variegatus</i>	CBBMP (2014) (average of Elmidae taxa); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Antocha</i> sp.	Whiles and Goldowitz (2005) (based on Diptera); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Apocorophium lacustre</i>	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on Amphipoda)	X
<i>Apocorophium</i> sp.	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on Amphipoda)	X
<i>Arcteonais lomondi</i>	CBBMP (2014) (average of Naididae taxa); ww conversion from Smit et al. (1993) (abstract) (based on Oligochaeta)	X

<i>Argia</i> sp.	CBBMP (2014) (based on Coenagrionidae); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	(c)
<i>Aulodrilus limnobius</i>	CBBMP (2014) (<i>Aulodrilus pigueti</i> surrogate); ww conversion from Smit et al. (1993) (abstract) (based on Oligochaeta)	X
<i>Aulodrilus pigueti</i>	CBBMP (2014) (data available for taxon); ww conversion from Smit et al. (1993) (abstract) (based on Oligochaeta)	X
<i>Aulodrilus pluriseta</i>	CBBMP (2014) (<i>Aulodrilus pigueti</i> surrogate); ww conversion from Smit et al. (1993) (abstract) (based on Oligochaeta)	X
Baetidae	Whiles and Goldowitz (2005) (based on Ephemeroptera); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	(c)
<i>Baetis flavistriga</i>	Whiles and Goldowitz (2005) (based on Ephemeroptera); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	(c)
<i>Balanus</i> sp.	CBBMP (2014) (<i>Balanus improvisus</i> surrogate); ww conversion based on Ricciardi and Bourget (1998) (average of available crustacean values)	X
<i>Bezzia/Palpomyia</i> sp.	Whiles and Goldowitz (2005) (based on Diptera); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Boccardia</i> sp.	CBBMP (2014) (average of Spionidae taxa); ww conversion based on Ricciardi and Bourget (1998) (based on all Polychaeta)	X
<i>Brachyura</i>	CBBMP (2014) (based on Brachyuran zoea; potential underestimate); ww conversion based on Ricciardi and Bourget (1998) (based on Decapoda)	X
<i>Bratislavia unidentata</i>	CBBMP (2014) (average of Naididae taxa); ww conversion from Smit et al. (1993) (abstract) (based on Oligochaeta)	X
<i>Caecidotea</i> sp.	CBBMP (2014) (average of Idoteidae taxa); ww conversion based on Ricciardi and Bourget (1998) (based on Isopoda)	X
<i>Callinectes sapidus</i>	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on Decapoda)	X
<i>Cardiocladius</i> sp.	CBBMP (2014) (average of Chironomidae taxa); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	(c)
Ceratopogoninae	CBBMP (2014) (based on Ceratoponidae); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Cheumatopsyche</i> sp.	Whiles and Goldowitz (2005) (based on Trichoptera); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Chiridotea almyra</i>	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on Isopoda)	X
<i>Chiridotea</i> sp.	CBBMP (2014) (<i>Chiridotea almyra</i> surrogate); ww conversion based on Ricciardi and Bourget (1998) (based on Isopoda)	X
Chironomini	CBBMP (2014) (data available for taxon); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	(c)

<i>Chironomus</i> sp.	CBBMP (2014) (data available for taxon); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Chthamalus fragilis</i>	CBBMP (2014) (<i>Balanus improvisus</i> surrogate; high level of uncertainty due to degree of taxonomic difference); ww conversion based on Ricciardi and Bourget (1998) (average of available crustacean values)	X
<i>Cladopelma</i> sp.	CBBMP (2014) (average of Chironomidae taxa); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Cladotanytarsus</i> sp.	CBBMP (2014) (data available for taxon); ww conversion based on Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Clinotanypus</i> sp.	CBBMP (2014) (average of Chironomidae taxa); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Coenagrionidae</i>	CBBMP (2014) (data available for taxon); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Corbicula</i> sp.	CBBMP (2014) (<i>Corbicula fluminea</i> surrogate); ww conversion based on Ricciardi and Bourget (1998) (based on Bivalvia)	X
<i>Corophiidae</i>	CBBMP (2014) (<i>Apocorophium</i> spp. surrogate); ww conversion based on Ricciardi and Bourget (1998) (based on Amphipoda)	X
<i>Corynoneura</i> sp.	CBBMP (2014) (average of Chironomidae taxa); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Crangon septemspinosa</i>	nd -- epibenthic, so not a major component of infaunal biomass	X
<i>Crassostrea virginica</i>	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on Bivalvia)	X
Crayfish (unspecified)	nd -- not present in infaunal samples; collected during fish surveys (epibenthic)	(d)
<i>Cricotopus bicinctus</i>	CBBMP (2014) (data available for taxon); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Cricotopus</i> sp.	CBBMP (2014) (<i>Cricotopus bicinctus</i> surrogate); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Cricotopus trifascia</i>	CBBMP (2014) (<i>Cricotopus bicinctus</i> surrogate); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Cryptochironomus</i> sp.	CBBMP (2014) (data available for taxon); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Culicidae</i>	Whiles and Goldowitz (2005) (based on Diptera); ww conversion from Smit et al. (1993) (abstract) (based on Chironomidae)	X
<i>Cyathura polita</i>	CBBMP (2014) (data available for taxon); ww conversion based on Ricciardi and Bourget (1998) (based on Isopoda)	X
<i>Dero digitata</i>	CBBMP (2014) (<i>Dero</i> spp. surrogate); ww conversion from Smit et al. (1993) (abstract) (based on Oligochaeta)	X

Dero sp.	CBBMP (2014) (data available for taxon); ww conversion from Smit et al. (1993) (abstract) (based on Oligochaeta)	X
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